

Datasheet for ABIN7556815

CMKLR1 Protein (AA 1-371) (His tag)



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Overview

Quantity:	1 mg
Target:	CMKLR1
Protein Characteristics:	AA 1-371
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CMKLR1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cmk1r1 Protein expressed in mammalian cells.
Sequence:	<p>MEYDAYND SG IYDDEYS DGF GYFVDLEEAS PWEAKVAPVF LVVIYSLVCF LGLLGNGLVI</p> <p>VIATFKMKKT VNTVWVFV NLA VADFLFNIFL PMHITYAAMD YHWVFGKAMC KISNFLLSHN</p> <p>MYTSVFLLTV ISFDR CISVL LPVWSQNHRS IRLAYMTCSA VWVLAFFLSS PSLVFRDTAN</p> <p>IHGKITCFNN FSLAAPESP HPAHSQVVST GYSRHHVAVTV TRFLCGFLIP VFIITACYLT</p> <p>IVFKLQRNRL AKNKKPFKII ITIIITFFLC WCPYHTLYLL ELHHTAVPSS VFSLGLPLAT</p> <p>AVAIANSCMN PILYVFMGHD FRKFKVALFS RLANALSEDT GPSSYP SHRS FTKMSSLNEK</p> <p>ASVNEKETST L</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	CMKLR1
Alternative Name:	Cmklr1 (CMKLR1 Products)
Background:	<p>Chemerin-like receptor 1 (Chemokine-like receptor 1) (G-protein coupled receptor DEZ),FUNCTION: Receptor for the chemoattractant adipokine chemerin/RARRES2 and for the omega-3 fatty acid derived molecule resolvin E1. Interaction with RARRES2 initiates activation of G proteins G(i)/G(o) and beta-arrestin pathways inducing cellular responses via second messenger pathways such as intracellular calcium mobilization, phosphorylation of MAP kinases MAPK1/MAPK3 (ERK1/2), TYRO3, MAPK14/P38MAPK and PI3K leading to multifunctional effects, like, reduction of immune responses, enhancing of adipogenesis and angiogenesis. Resolvin E1 down-regulates cytokine production in macrophages by reducing the activation of MAPK1/3 (ERK1/2) and NF-kappa-B (By similarity). Positively regulates adipogenesis and adipocyte metabolism. {ECO:0000250, ECO:0000269 PubMed:15753205, ECO:0000269 PubMed:16863918, ECO:0000269 PubMed:17635925}.</p>
Molecular Weight:	41.8 kDa
UniProt:	P97468

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months